

**Sprint PCS**

6393 Oak Tree Blvd.  
2<sup>nd</sup> Floor  
Independence, OH 44131

RECEIVED

SEP 21 2004

PUBLIC SERVICE  
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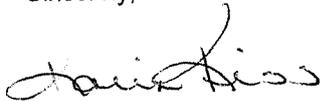
September 17, 2004

Beth O'Donnell, Executive Director  
ATTN: Brenda Talley  
Public Service Commission  
PO Box 615  
Franfort, KY 40602  
502-564-3940 ext. 435

Dear Ms. O'Donnell:

Enclosed, please find the final FAA determination and the State Aeronautical Approval for our site LV54XC720D. This site is located at 622 Water Tank Hill Road in Broadhead, KY. Please refer to Case No. 2004-00005.

Sincerely,



Karin Kiss  
Regulatory Compliance



**Kentucky Airport Zoning Commission**  
**200 Mero Street**  
**Frankfort, KY 40622**

(502) 564-4480  
fax: (502) 564-7953  
No.: AS-102-139-04-114

LV54XC720D

August 4, 2004

**APPROVAL OF APPLICATION**

**APPLICANT:**

Sprint PCS  
Tanya Weber  
5600 N. River Road  
ROSEMONT, IL 60018

**SUBJECT:** AS-102-139-04-114

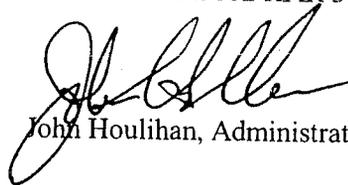
**STRUCTURE:** Antenna Tower (height increase)  
**LOCATION:** Brodhead, KY  
**COORDINATES:** 37-23-53.39 N / 84-24-34.04 W  
**HEIGHT:** 315'AGL/1504'AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 315'AGL/1504'AMSL Antenna Tower (height increase) near Brodhead, KY 37-23-53.39 N / 84-24-34.04 W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Dual obstruction lighting is required in accordance with 602 KAR 50:100.

  
John Houlihan, Administrator



Kentucky Airport Zoning Commission  
200 Mero Street  
Frankfort, KY 40622

(502) 564-4480  
fax: (502) 564-7953  
No.: AS-102-I39-04-114

W54XC720D

CONSTRUCTION/ALTERATION STATUS REPORT

August 4, 2004

AERONAUTICAL STUDY NUMBER: AS-102-I39-04-114

Sprint PCS  
Tanya Weber  
5600 N. River Road  
ROSEMONT, IL 60018

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on August 4, 2004. This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 200 Mero Street, Frankfort, KY 40622. (502) 564-4480.

STRUCTURE: Antenna Tower (height increase)  
LOCATION: Brodhead, KY  
COORDINATES: 37-23-53.39 N / 84-24-34.04 W  
HEIGHT: 315'AGL/1504'AMSL

CONSTRUCTION/ALTERATION STATUS

1. The project ( ) is abandoned. (X) is not abandoned.

2. Construction status is as follows:

Structure reached its greatest height of 301 ft. AGL  
1489 ft. AMSL on 8/17/04 (date).

Date construction was completed. 8/17/04

Type of obstruction marking/painting. \_\_\_\_\_

Type of obstruction lighting. DUAL (MED. INT)

As built coordinates. 37-23-53.39N 084-24-34.04 W

Miscellaneous Information: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE 8/17/04

SIGNATURE/TITLE Regulatory Compliance



Federal Aviation Administration  
Southern Regional Office  
1701 Columbia Avenue-ASO-520  
College Park, GA 30337

Aeronautical Study No.  
2004-ASO-4847-OE  
Prior Study No.  
2004-ASO-4176-OE

Issued Date: 8/25/2004

KARIN KISS - LV54XC720-D BRODHEAD  
SPRINT PCS REGULATORY GROUP  
6393 OAKTREE  
INDEPENDENCE, OH 44131-6939

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: Antenna Tower  
Location: BRODHEAD, KY  
Latitude: 37-23-53.39 NAD 83  
Longitude: 84-24-34.04  
Heights: 301 feet above ground level (AGL)  
1489 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked and/or lighted utilizing a med-dual system.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (404)305-5579.  
On any future correspondence concerning this matter, please refer to Aeronautical  
Study Number 2004-ASO-4847-OE.

Signature Control No: 394279-305137

(DNE)

Earl P Newalu Jr.  
Specialist

Attachment(s)  
Frequency Data

Frequency Data for ASN 2004-ASO-4847-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
805	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	932	MHz	3500	W
932	932.5	MHz	50.1	W
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W

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6393 Oak Park Blvd.  
2nd Floor  
Independence, OH 44131



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Beth O'Donnell, Executive Director  
Attn: Brenda Talley  
Public Service Commission  
PO Box 615  
Frankfort KY 40602-0615



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COMMISSION